

Amendment to the Claims

CLAIMS

1. (Amended) A method for ~~fabricating~~ preparing a desiccant which comprises:

a step of selecting a salt solution;

a step of drying a super absorbing polymer(SAP);

a step of contacting the dried SAP with the salt solution in order to perform an ionic modification of the SAP;

a step of contacting the dried SAP with the salt solution in order to perform an ionic modification of the SAP; and

a step of drying a hydrogel generated by the contact between the SAP and the salt solution

2. (Amended) The method for ~~fabricating~~ preparing a desiccant of claim 1, wherein the concentration of the salt solution ~~includes a hygroscopic base concentration of~~ is selected between 5~15wt%.

3. (Amended) The method for ~~fabricating~~ preparing a desiccant of claim 1, wherein water is used as solvent of the salt solution.

4. (Amended) A desiccant ~~fabricated~~ prepared by the method of claim 1

5. (Original) The desiccant of claim 4, wherein the SAP is cross-linked.

6. (Original) The desiccant of claim 4, wherein the SAP takes a granular form.
7. (Original) The desiccant of claim 4, wherein a particle diameter of the granules is 1,000 μ m at a maximum.
8. (Original) The desiccant of claim 4, wherein the SAP forms fiber or filaments.
9. (Original) The desiccant of claim 4, wherein the SAP includes polymer and/or copolymer in which acryl acid or acrylamide is cross-linked propfpolymer of starch, cross-linked amyllum derivative, and/or cellulose derivative.
10. (Original) A dehumidifying element which consisting of the desiccant itself of claim 4.
11. (Original) A dehumidifying element which comprises:
a carrier; and
the desiccant of claim 4 coated on a surface of the carrier.
12. (Original) The dehumidifying element of claim 11, wherein the carrier

permits gas to penetrate.

13. (Original) The dehumidifying element of claim 11, wherein the desiccant is further contained in the carrier.
14. (Amended) The dehumidifying element of claim 11, wherein the desiccant ~~forms~~ takes a granular shapeform or a fibrous shapeform.
15. (Amended) The dehumidifying element of claim 11, wherein the carrier is ~~formed out of~~ selected from a combination of at least one of the woven textile, meshed textile, knitted fabric, knit, and bonded fabric.
16. (Amended) The dehumidifying element of claim 11, wherein the carrier is ~~formed out of~~ selected from a combination of at least one of fiber and filaments.
17. (Amended) The dehumidifying element of claim 16, the fiber and the filaments are ~~formed out of~~ selected from a combination of at least one of natural polymer and composite polymer.
18. (Amended) The dehumidifying element of claim 11, the carrier is of the shape ~~of the sheet of~~ formed of a single layer or multi-layers.

19. (Amended) A method for fabricating a dehumidifying element which comprises:

- a step of engaging a SAP ~~with~~ to a carrier;
- a step of drying the carrier to which the SAP is engaged;
- a step of selecting a salt solution;
- a step of contacting the carrier with the salt solution in order to perform an ionic modification of the SAP; and
- a step of drying the carrier ~~to~~with which the SAP is ~~combined~~engaged.

20. (Amended) The method for fabricating a dehumidifying element of claim 19, wherein the concentration of the salt solution ~~includes a hygroscopic base concentration~~ is selected between ~~of~~ 5~15wt%.

21. (Original) The method for fabricating a dehumidifying element of claim 19, wherein water is used as solvent of the salt solution.

22. (Original) The method for fabricating a dehumidifying element of claim 19, the carrier is contacted with the salt solution by soaking or spraying the salt solution into the carrier.

23. (Amended) The method for fabricating a dehumidifying element of claim 19, wherein the step of contacting the carrier with the salt solution is performed in multiple steps at least 2 times.

24. (Canceled)

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29. (Canceled)

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31. (Canceled)

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